

## Native and Naturalized Shoreland Plantings For New Hampshire

### Trees

<b>Common Name</b>	<b>Scientific Name</b>	<b>Height</b>	<b>Habitat/Soil Preference</b>
American Beech	<i>Fagus grandifolia</i>	60-80'	Bottomlands, gentle slopes
American Basswood	<i>Thuia americana</i>	70-80'	Moist soils of valleys and uplands
Balsam Fir	<i>Ahies balsamea</i>	40-60'	Swamps to well-drained soils, coniferous forests
Black Birch	<i>Betula lenta</i>	Up to 75'	Dry woods, clearings, rocky places
Black Tupelo	<i>Nyssa sylvatica</i>	60-80'	Bottomlands, gentle slopes
Bur Oak	<i>Quercus nacroearpa</i>	Up to 100'	Exposed sandy soils
Carolina Silverbell	<i>Halesia carolina</i>	Up to 30'	Moist soils, streambanks, understory
Common Sassafras	<i>Sassafras albidum</i>	3-40'	Welt drained fields and woods
Eastern Hemlock	<i>Tsuga canadensis</i>	6-10'	Moist cool valleys, acidic soils
Eastern White Pine	<i>Pinus strobus</i>	80-100'	Rock ridges, bogs, sandy loam well-drained soils
Green Ash	<i>Fraxinus pennsylvanica</i>	50-60'	Streams, floodplains, moist alluvial soils
Musclewood	<i>Carpinus caroliniana</i>	Up to 35'	Deep rich moist sites, shade tolerant, understory species
Northern Red Oak	<i>Quercus rubra</i>	60-80'	Bottomlands, slopes, moist loamy, or sandy/rocky soils
Paper Birch/White Birch	<i>Betula papyrifera</i>	50-70'	Streambanks, lakeshores, moist sandy
Pin Oak	<i>Quercus palustris</i>	70-80'	Deep, moist, rich soils, bottomlands, swamps
Red Maple	<i>Acer rubrum</i>	50-70'	Swamps, bottomlands, moist soils

Rod Pine/Norway Pine	<i>Pinus resinosa</i>	50-80'	Sandy soils, rocky slopes, mixed forests
River Birch	<i>Betula nigra</i>	Up to 80'	Streambanks, ponds, swamps, deep rich soils
Scarlet Oak	<i>Quercus coccinea</i>	70-80'	Dry sandy to gravelly soils Upland edges
Shadbush/ Serviceberry	<i>Amelanchier orcorea</i>	3-40'	Edges of streams,moist woods,ravines
Smooth-leaved Shadbush	<i>Amelanchier laevis</i>	Up to 30'	Damp wooded banks, swamps, thickets low wet areas
Sugar Maple	<i>Acer saccharum</i>	60-80'	Uplands, valleys moist rich soils
Swamp White Oak	<i>Quercus bicolor</i>	60-70'	Wet sites, areas of flooding Wooded swamps, floodplains, streambanks
White Ash	<i>Fraxinus americana</i>	70-80'	Valleys, slopes, moist soil, well-drained loam
White Oak	<i>Quercus alba</i>	8-100'	Uplands, sandy plains, rich soils
White Spruce	<i>Picea glauca</i>	60-70'	Streambanks, lakeshores, fiats, slopes
Willow	<i>Salix spp.</i>	Shrub or tree	Wet sites
Wire Birch/Grey Birch	<i>Betula populifolia</i>	Up to 30'	Early success ional tree, uplands
Yellow Birch	<i>Betula alleghaniensis</i>	Up to 100'	Hilly terrain, high elevation, uplands

## Shrubs

Common Name	Scientific Name	Height	Habitat/Soil Preference
American Elderberry	<i>Sambucus canadensis</i>		Swamp edges, along fences and roads
American Hazelnut	<i>Corylus americana</i>	3-8'	Borders' of woods, hillsides, thickets
Northern Arrowwood	<i>Viburnum recognitum</i>	3-15'	Wet/dry thickets, borders of woods, understory of forest
Bayberry	<i>Myrica pensylvanica</i>	Up to 6'	Sandy, sterile areas
Beech Plum	<i>Pinus maritima</i>	Up to 8'	Near coast, sandy soil
Black Chokeberry	<i>Aronia melanocarpa</i>	24'	Rock uplands, thickets
Blackhaw	<i>Viburnum prunifolium</i>	Up to 20'	Valleys, slopes, borders of forests, moist soils
Bog Rosemary	<i>Andromeda glaucophylla</i>	0.5-1.5"	Bogs, peaty to sandy soils
Buttonbush	<i>Cephalanthus occidentalis</i>	5-15"	Swamps, borders of ponds, streams, lakes
Common Witchhazel	<i>Hamamelis virginiana</i>	10-15"	Dry or moist woods, understory of forest
Eastern Red Cedar	<i>Juniperus virginiana</i>	40-50'	Fields, poor dry soils to floodplains and swamps
Gray Dogwood	<i>Cornus racemosa</i>	Up to 9'	Roadsides, thickets, swamps dry or moist soils
Highbush Blueberry	<i>Vaccinium corymbosum</i>	5-15"	Swamps or dry upland woods
Hobblebush	<i>Viburnum acerifolium</i>		Shrub layer of cooler New England forests
Hop Hornbeam/Ironwood	<i>Ostrya virginiana</i>	20-35'	Cool moist forests, dense shade, hardwood forests dry rocky slopes and ridges of understory
Juniper	<i>Juniperus communis</i>	1-3'	Fields, sandy to rocky flats, slopes
Labrador Tea	<i>Lithrum groenlandicum</i>	1-3'	Bogs, high mountains

Lowbush Blueberry	<i>Vaccinium angustifolium</i>		Bogs, dry sandy flats, rock slopes
Mapleleaved Viburnum	<i>Viburnum acerifolium</i>	3-6'	Shrub layer of moist upland forest
Meadowsweet	<i>Spiraea latifolia</i>	1-5'	Low moist ground, meadows, fields
Mountain Holly	<i>Ilex montana</i>	Up to 30'	Mined hardwood forest, moist soils
Mountain Laurel	<i>Kalmia latifolia</i>	3-15'	Open hardwood forests, uplands mountain slopes, dry acidic soils, understory species
Mugo Pine	<i>Pinus mugo</i>	12-15'	Fields, roadsides, wet places
Musclewood	<i>Carpinus caroliniana</i>	Up to 30'	Deep, rich moist soils, shade tolerant understory species
Nannyberry	<i>Viburnum lentago</i>	10-30'	Swamp and forest edges, moist soils of valleys
Pagoda Dogwood	<i>Cornus alternifolia</i>	Up to 25'	Hardwood and coniferous forests, moist soils
Red Chokeberry	<i>Pyres arbutifolia</i>	3-12'	Thickets, clearings, swamps
Red Osier Dogwood	<i>Cornus stolonifera</i>	3-10'	Short thickets, understory of forests, moist soils, along streambanks
Rhodora	<i>Rhododendron canadensis</i>	1-3'	Bogs, wet slopes, rocky summits
St. Johnswort	<i>Hpericum perforatum</i>	1-3''	Fields, roadsides, wet places
Sheep Laurel	<i>Kalmia angustifolia</i>	1-3''	Fields, bogs, dry/wet soils
Shinning Sumac	<i>Rhus copallina</i>	Up to 25'	Uplands, valleys, grasslands, clearings, edges of forests
Shrubby Cinquefoil	<i>Potentilla fruticosa</i>	1-3''	Wet or dry open ground, meadows
Silky Dogwood	<i>Cornus amomum</i>	Up to 10'	Wooded swamps, low wet woods, shrub swamps
Snowberry	<i>Symphoricarpos albus</i>	14''	Rocky banks and roadsides

## Groundcover

Common Name	Scientific Name	Height	Habitat/Soil Preference
Steeplebush	<i>Spirea tomentosa</i>	2'	Old fields, meadows, low grounds
Sweet Pepperbush	<i>Clethra alnifolia</i>	3-10'	Wetlands, swamps, sandy woods
Sweet gale	<i>Myrica gale</i>	Up to 6'	Streams, low wet woods, borders of swamps
Winterberry Holly	<i>Ilex verticillata</i>	3-10'	Swamps, thickets, pond and stream margins
Witherod Viburnum/ Northern Wild Raisin	<i>Viburnum cassinoides</i>	3-12'	Wet thickets, swamps, clearings
Bloodroot	<i>Sanguinaria canadensis</i>	Up to 10"	Rich woodlands, streambeds
Bunchberry/ Canada Dogwood	<i>Cornus canadensis</i>	3-8"	Cool woods, damp openings
Cranberry	<i>Vaccinium macracarpon</i>	Up to 8"	Open bogs, swamps, lakeshores
Grape	<i>Vitis</i> spp.	Vine	Rich woods
Hay-Scented Fern	<i>Dennstaedria punctiloula</i>	5-15"	Woodlands, hillside pastures
Interrupted Fern	<i>Osmunda daytoniana</i>	~6'	Roadsides, woodlands, stony dry soil
Lowbush Blueberry	<i>Vaccinium angustifolium</i>	3-15"	Bogs, dry sandy flats, slopes
Marsh Marigold	<i>Caltha Palustris</i>	1-2'	Swamps, marshes, streams, brooks
Partridgeberry	<i>Mitchella repens</i>	vine	Dry or moist woods
Sweet Fern	<i>Comptonia perigrina</i>	Up to 15"	Dry sterile, open sites
Virginia Creeper	<i>Parthenocissus quinquefolia</i>	vine	Woods, rocky banks
Wintergreen/Teaberry	<i>Gaultheria procumbens</i>	2-6'	Oak woods, sandy soils